

TYPE FT-1 FLEXITEST SWITCH, SWITCH ARRANGEMENT & INTERNAL SCHEMATIC

REF.
10 POS SW.
UPPER SECTION
FRONT VIEW
(CVR REMOVED)

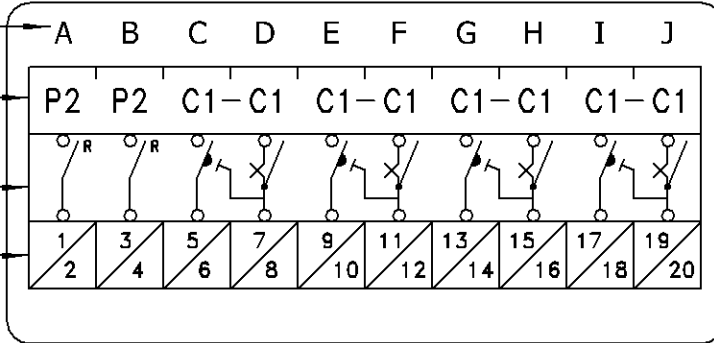


POLE POSITIONS

SWITCH ARRANGEMENT

INTERNAL SCHEMATIC

TERMINAL NO.s
(REAR OF SW)



ARRANGEMENT: T T C-C C-C C-C C-C

STYLE No: 1586C42G16

CODE No: 204

CLASS 1E: NO

No. POLES: 10

No. POTENTIALS: 2

No. CURRENTS: 8

TIE BARS: NONE

DRILL PLAN: 129A500

INT SCHEMATIC: 991A204

Table 1 - Description of Poles for FT Flexitest Switches

| Pole Type | Pole Designation | Handle Color | Description & Schematic Symbol |
|------------------------|------------------|--------------|--|
| Potential | P1 | P | Black [†] Potential, non-shorting blade. |
| Current | C1 | C | Black [†] Current, non-shorting, with test jack and blade. |
| Current †† Shorting | C1-C1 | C-C | Black [†] Current shorting (make-before-break), with test jack and blade. |
| | C1-A1 | C-A | Black [†] Current shorting (make-before-break), with blade only. |
| | C1-B0 | C-B | Black [†] Current shorting (make-before-break), with stud only. |
| | C1-D0 | C-D | Black [†] Current shorting (make-before-break), with test jack only. |
| | C1-E1 | C-E | Black [†] Current shorting (make-before-break), with shorting blade only. |
| | C1-S0 | C-S | Black [†] Current shorting (make-before-break), with fixed shorting strap. |
| Other | D0 | D | None Current test jack, no blade. |
| | S0 | S | None Fixed shorting strap. |
| | X0 | X | None Empty pole position. |

Table 2 – Handle Colors

| Pole Type | Pole Designation | Handle Color | |
|-----------|------------------|--------------|--------|
| Potential | P1 | P | Black |
| | P2 | T | Red |
| | P3 | H | Brown |
| | P4 | V | Purple |
| | P5 | G | Green |
| | P6 | Y | Yellow |
| | P7 | Z | Blue |
| | P8 | W | White |
| | P9 | O | Orange |
| Current | C1 | C | Black |
| | C2 | R | Red |
| | C3 | 3 | Brown |
| | C4 | 4 | Purple |
| | C5 | 5 | Green |
| | C6 | 6 | Yellow |
| | C7 | 7 | Blue |
| | C8 | 8 | White |
| | C9 | 9 | Orange |

TEST PLUGS:

INDIVIDUAL CURRENT CIRCUIT TEST PLUG.
STYLE No: 7B4618G04

SEPARATE SOURCE TEST PLUG (10 POS).
STYLE No: 1164046

IN-SERVICE SERIES TEST PLUG.
STYLE No: NONE

ECO EM2007-1099 1

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SOFTWARE TYPE:
AUTOCAD 2006

ENG. REF: MFG DWG: 101R645
GEN DWG: 1616C24

ABB Protective Relays and Switches, Coral Springs FL, U.S.A.

DFTR/DATE: M.Uriguen 4/3/2008

CHKR/DATE: M.Uriguen 4/3/2008

APPR/DATE: Tim Masters 4/3/2008

TITLE:
**FT-1 SWITCH
POLE ARRANGEMENT & INT SCH**

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SIZE: A
DWG. NO: 991A204
REV: 1

SCALE: NONE SHEET 1 OF 1

